

MEMORANDUM

TO: Vermont Mental Health Performance Indicator Project
Advisory Groups and Interested Parties

FROM: John Pandiani
Bill Bagdon

DATE: August 28, 1998

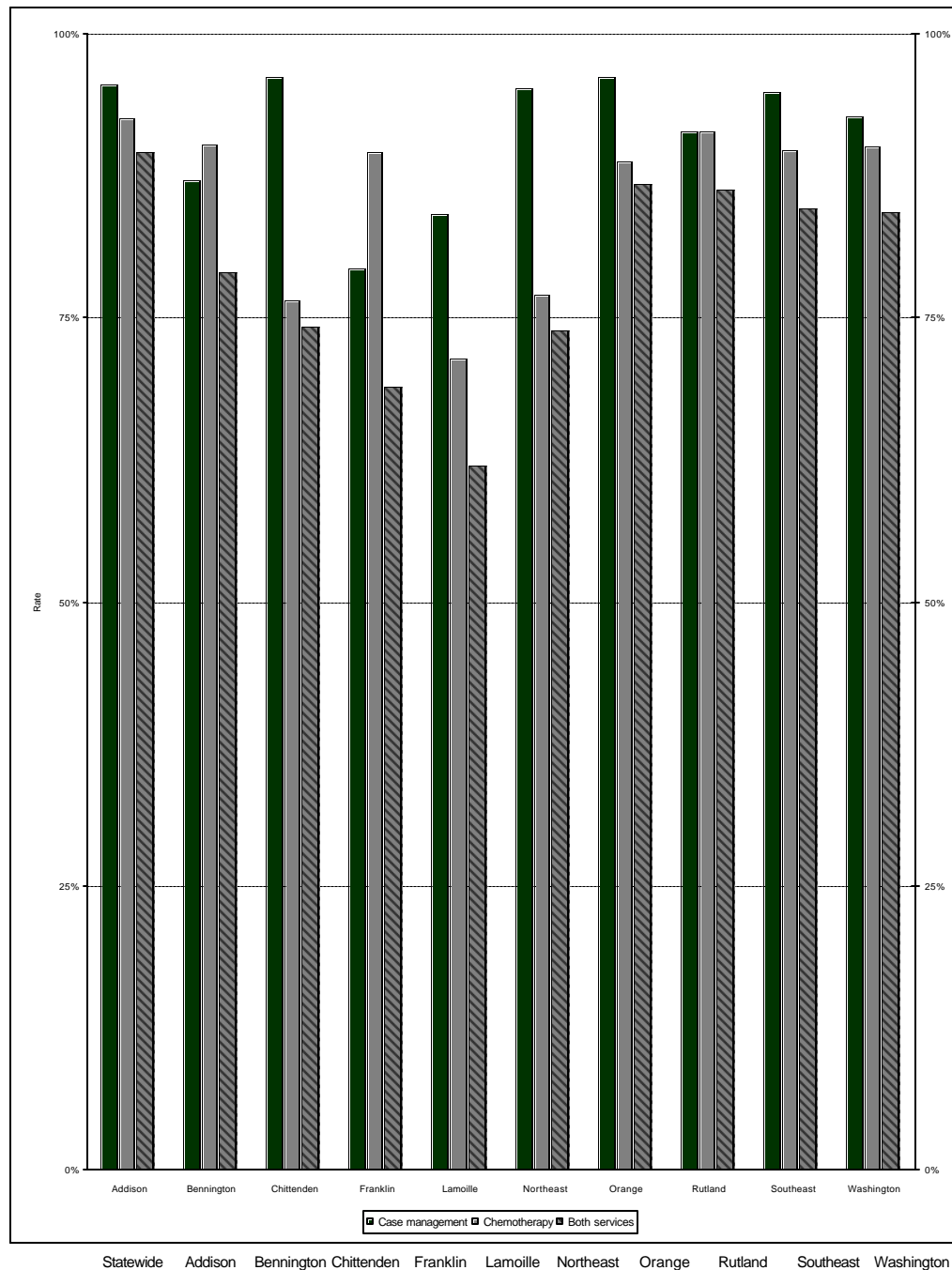
RE: Practice Patterns in the Treatment of Schizophrenia:
Medication and Case Management

Recently published guidelines for the treatment of schizophrenia include detailed specifications regarding medication, case management, therapeutic, and vocational services. The attached tables provide a broad overview of the degree to which consumers with a diagnosis of schizophrenia receive services in two of these broad categories during recent years. Analysis of rates of utilization of psychotherapy and vocational services will follow. Please keep in mind that treatment guidelines tend to include precise recommendations regarding classes of medications and frequency and location of case management services, for instance. Because it relies on broad treatment categories reported by community providers, this analysis may overestimate the degree of conformity to treatment guidelines. In this analysis, the provision of medication services is measured by reference to medication monitoring services and case management services including social support, case management and specialized rehabilitation services.

As you will see, very high proportions of Vermont's 1,265 CRT clients with a diagnosis of schizophrenia receive case management services (93% statewide). Medication services are also received by a very high proportion (85% statewide), and almost 80% receive services in both categories. There are, however, statistically significant differences among individual treatment programs in the rate at which consumers received services in these categories. There has also been some change in practice patterns regarding these services between 1990 and 1997. The proportion of consumers who receive both medication and case management services increased at a statistically significant rate during this period. The proportion of consumers who receive medication services (regardless of other services received) increased at a statistically marginal rate during this period. Finally, the proportion of consumers who receive case management services (regardless of other services received) did not change during this time period.

If you have any questions or comments, please send e-mail to pip@ddmhs.state.vt.us, or give one of us a call (802-241-2638 for John, or 802-241-2682 for Bill).

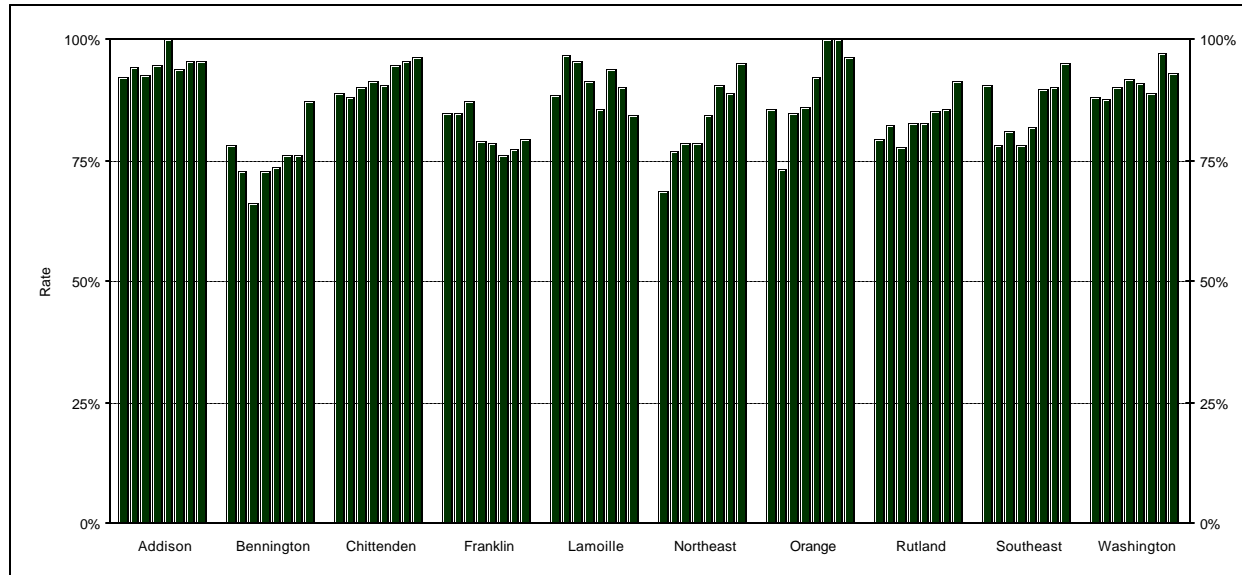
RECIPIENTS OF CASE MANAGEMENT, CHEMOTHERAPY, AND BOTH SERVICES
COMMUNITY REHABILITATION AND TREATMENT CLIENTS WITH A DIAGNOSIS OF SCHIZOPHRENIA: FY 1997



Total Served #	1,265	67	62	290	87	63	126	53	139	156	222
Case #	1,171	64	54	279	69	53	120	51	127	148	206
Management	93%	96%	87%	96%	79%	84%	95%	96%	91%	95%	93%
Chemotherapy #	1,074	62	56	222	78	45	97	47	127	140	200
	85%	93%	90%	77%	90%	71%	77%	89%	91%	90%	90%
Both services #	1,001	60	49	215	60	39	93	46	120	132	187
	79%	90%	79%	74%	69%	62%	74%	87%	86%	85%	84%

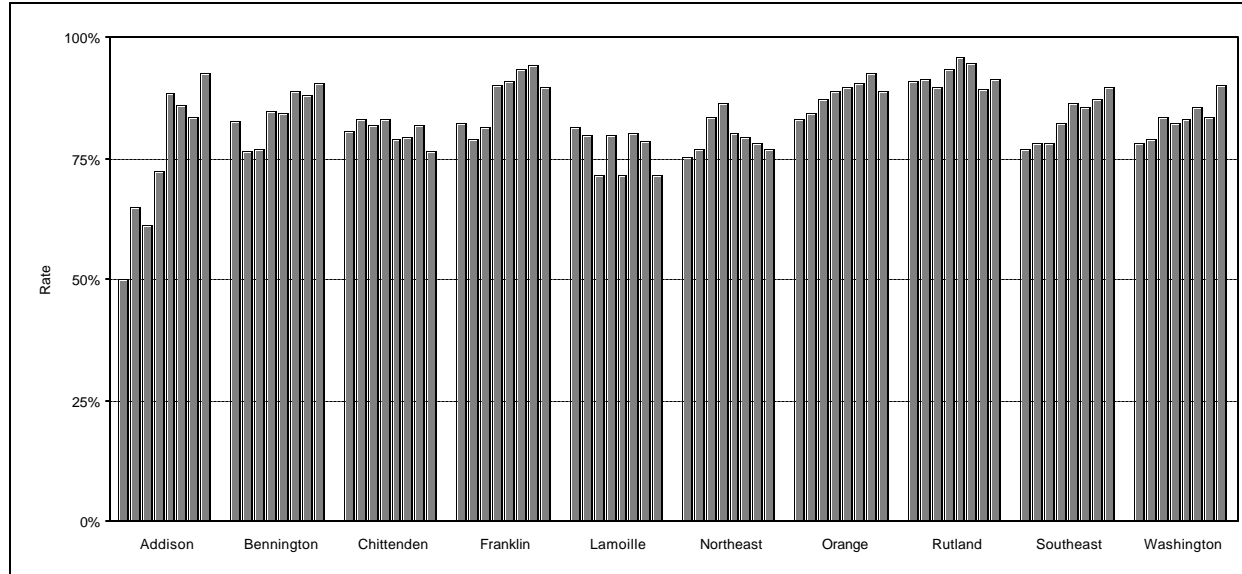
Data is based on Quarterly Service Reports (QSR) submitted by Vermont's community service providers and includes people assigned to the Community Rehabilitation and Treatment Programs who have a diagnosis of schizophrenia (295.00 thru 295.99) receiving chemotherapy and case management services from CMHC's. Chemotherapy includes both the prescription by a physician or qualified nurse of psychoactive drugs to favorably influence or prevent mental illness and the monitoring and assessment of patient reaction to prescribed drugs. Chemotherapy services tend to average less than 30 minutes in duration. Case management includes case management and specialized rehabilitation services.

**CLIENTS WITH A DIAGNOSIS OF SCHIZOPHRENIA
RECEIVING CASE MANAGEMENT SERVICES
COMMUNITY REHABILITATION AND TREATMENT PROGRAMS: FY1990 - FY1997**



Data is based on Quarterly Service Reports (QSR) submitted by Vermont's community service providers and includes people assigned to the Community Rehabilitation and Treatment Programs who have a diagnosis of schizophrenia (295.00 thru 295.99) receiving case management services provided by CMHC's. Case management includes case management and specialized rehabilitation services.

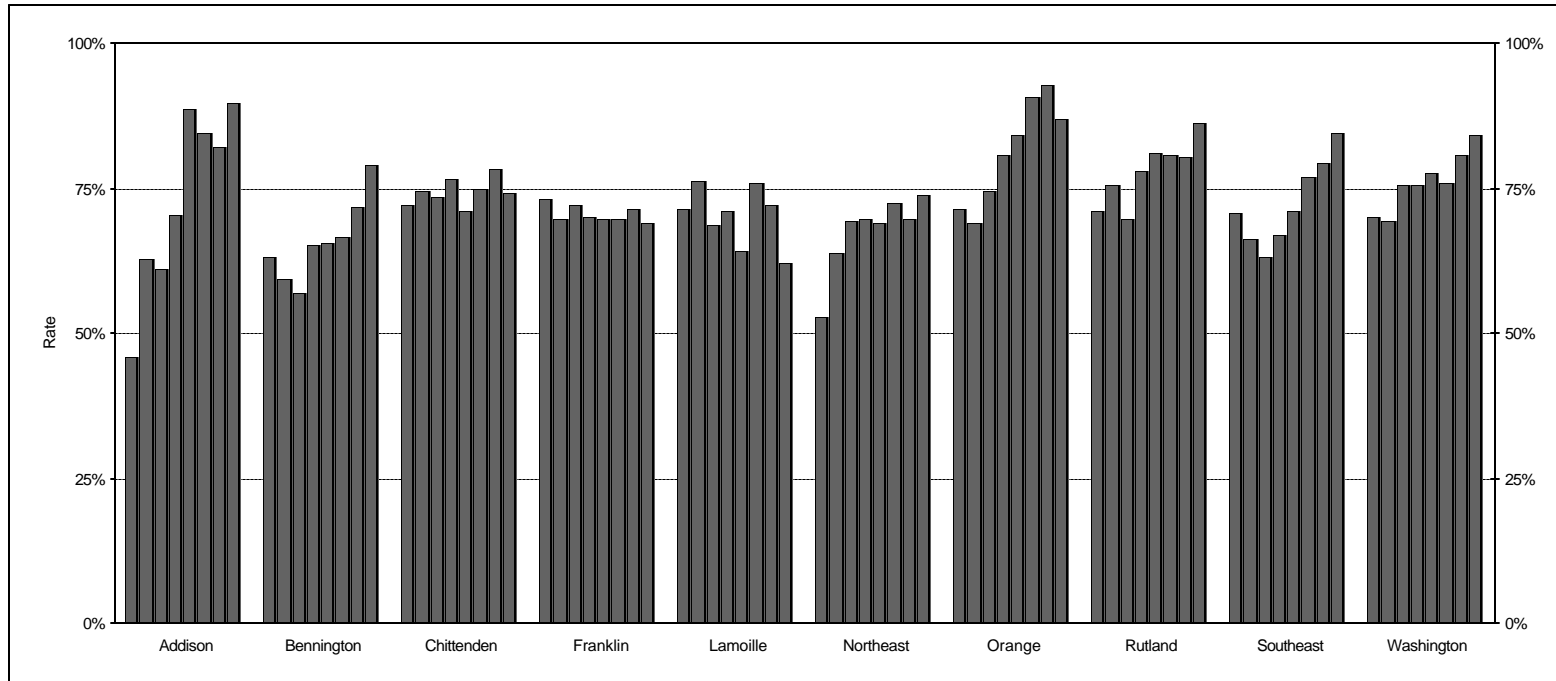
**CLIENTS WITH A DIAGNOSIS OF SCHIZOPHRENIA
RECEIVING CHEMOTHERAPY
COMMUNITY REHABILITATION AND TREATMENT PROGRAMS: FY1990 - FY1997**



	Statewide	Addison	Bennington	Chittenden	Franklin	Lamoille	Northeast	Orange	Rutland	Southeast	Washington
FY1997	85%	93%	90%	77%	90%	71%	77%	89%	91%	90%	90%
FY1996	85%	84%	88%	82%	94%	79%	78%	93%	89%	87%	83%
FY1995	85%	86%	89%	79%	93%	80%	80%	91%	95%	86%	85%
FY1994	84%	89%	84%	79%	91%	71%	80%	89%	96%	86%	83%
FY1993	84%	72%	85%	83%	90%	80%	86%	89%	93%	82%	82%
FY1992	81%	61%	77%	82%	81%	72%	83%	87%	90%	78%	83%
FY1991	80%	65%	76%	83%	79%	80%	77%	84%	92%	78%	79%
FY1990	79%	50%	83%	80%	82%	81%	75%	83%	91%	77%	78%

Data is based on Quarterly Service Reports (QSR) submitted by Vermont's community service providers and includes people assigned to the Community Rehabilitation and Treatment Programs who have a diagnosis of schizophrenia (295.00 thru 295.99) receiving chemotherapy services provided by CMHCs. Chemotherapy includes both the prescription by a physician or qualified nurse of psychoactive drugs to favorably influence or prevent mental illness and the monitoring and assessment of patient reaction to prescribed drugs. Chemotherapy services tend to average less than 30 minutes in duration.

**CLIENTS WITH A DIAGNOSIS OF SCHIZOPHRENIA
RECEIVING CHEMOTHERAPY AND CASE MANAGEMENT SERVICES
COMMUNITY REHABILITATION AND TREATMENT PROGRAMS STATEWIDE: FY1990 - FY1997**



Data is based on Quarterly Service Reports (QSR) submitted by Vermont's community service providers and includes people assigned to the Community Rehabilitation and Treatment Programs who have a diagnosis of schizophrenia (295.00 thru 295.99) receiving chemotherapy and case management services from CMHC's. Chemotherapy includes both the prescription by a physician or qualified nurse of psychoactive drugs to favorably influence or prevent mental illness and the monitoring and assessment of patient reaction to prescribed drugs. Chemotherapy services tend to average less than 30 minutes in duration. Case management includes specialized rehabilitation services.